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FIG. 1

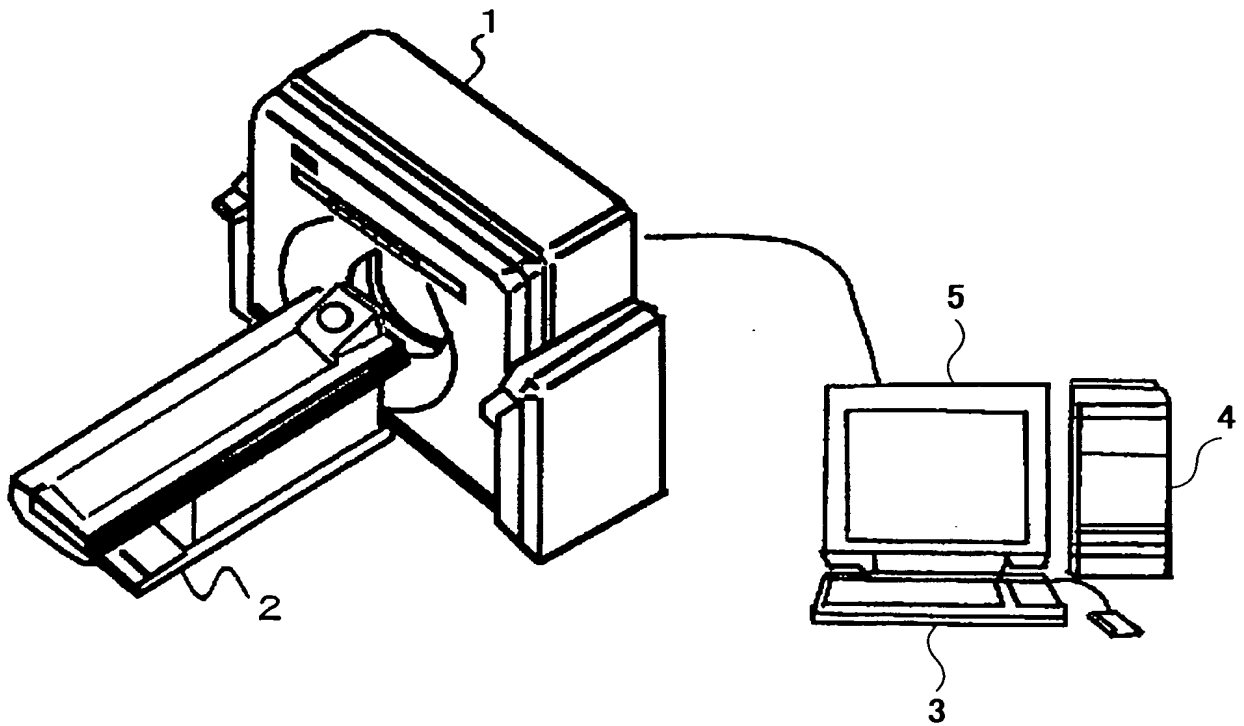


FIG. 3A

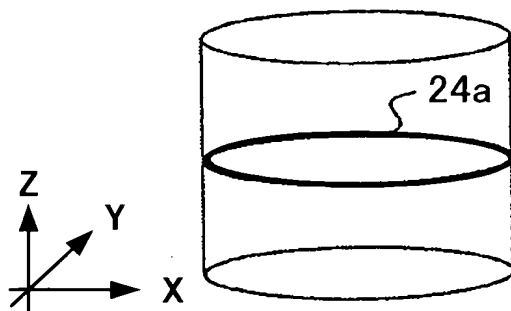


FIG. 3B

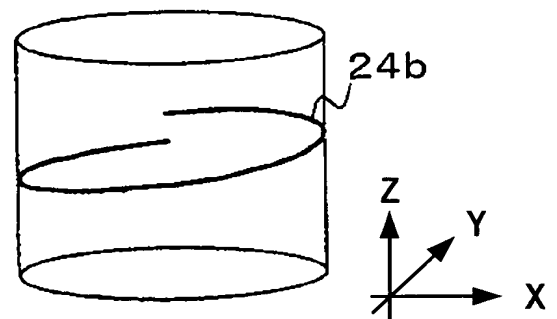


FIG. 2

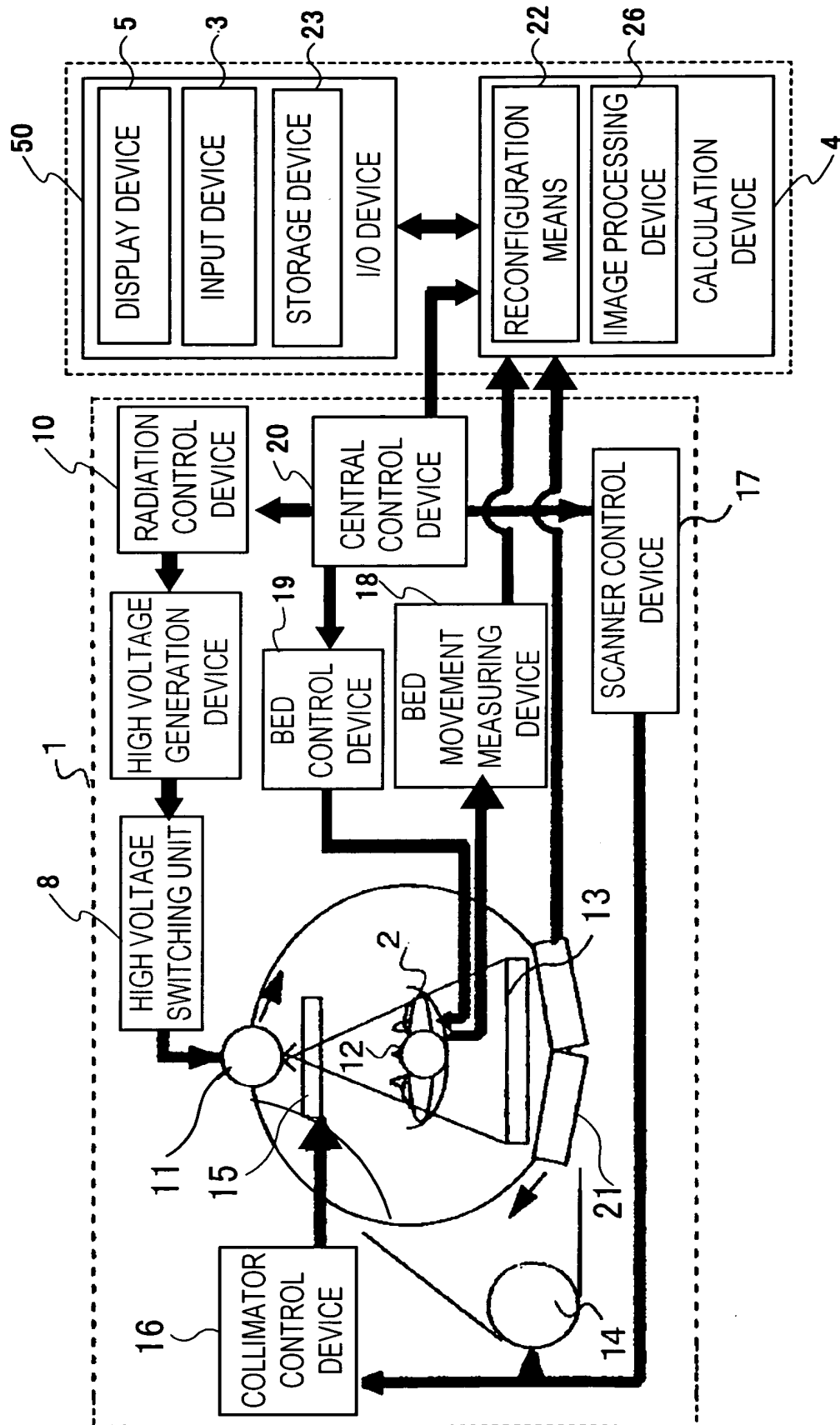


FIG. 4A

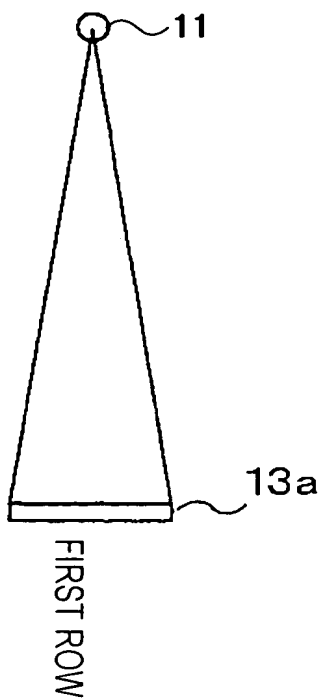


FIG. 4B

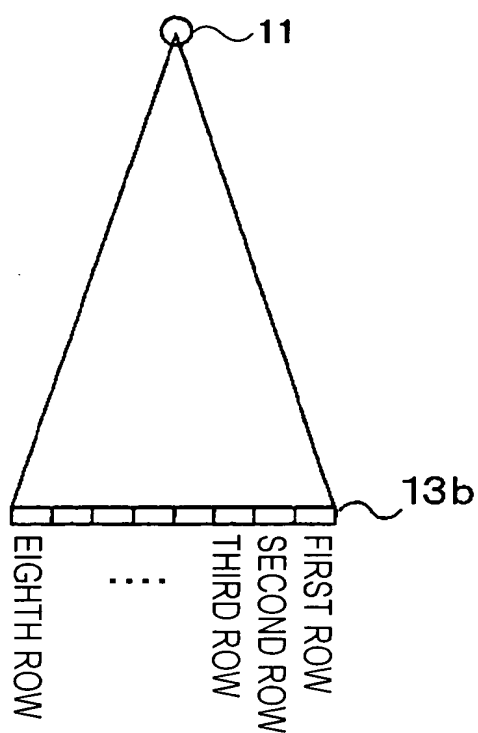


FIG. 5A

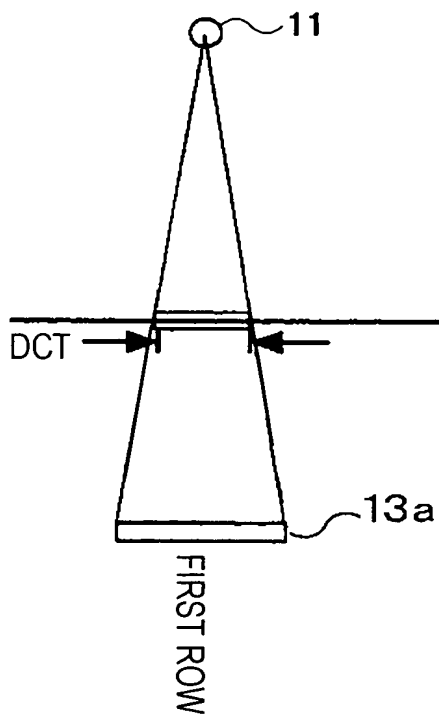
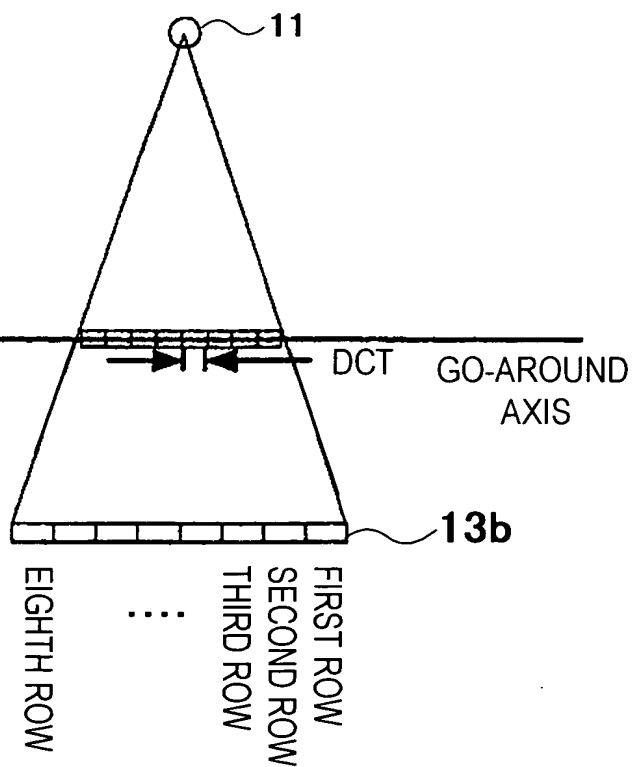


FIG. 5B



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FIG. 6

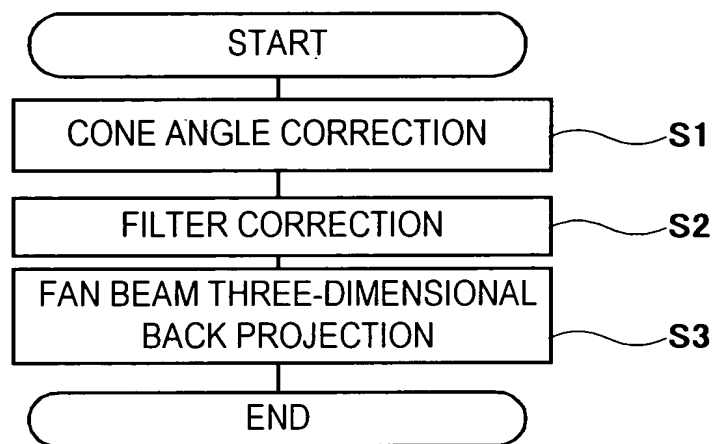


FIG. 7

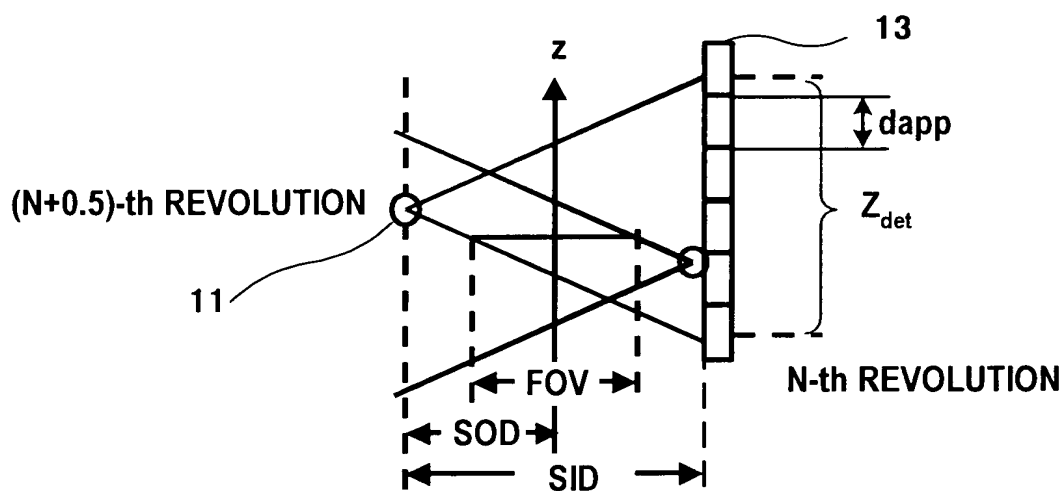
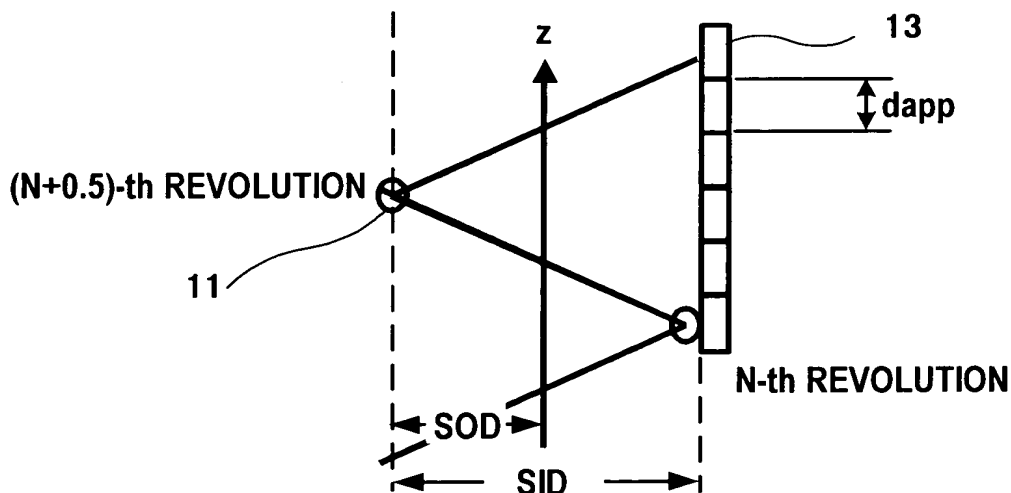


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FIG. 9

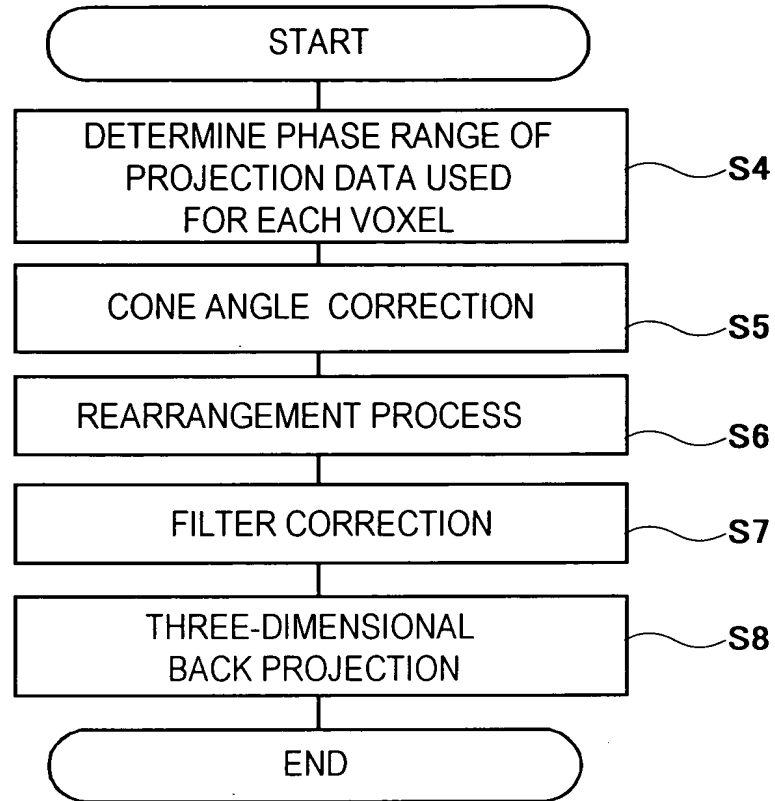


FIG. 11A

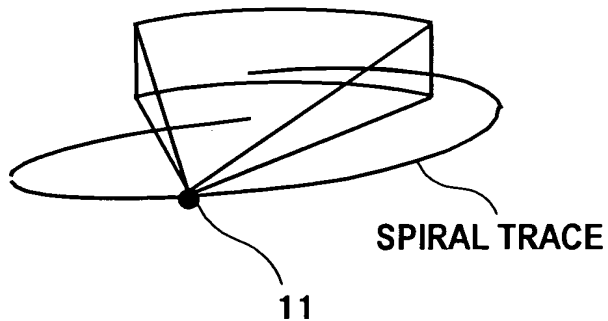
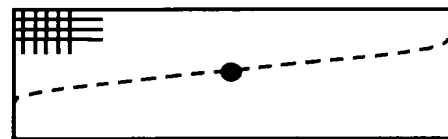
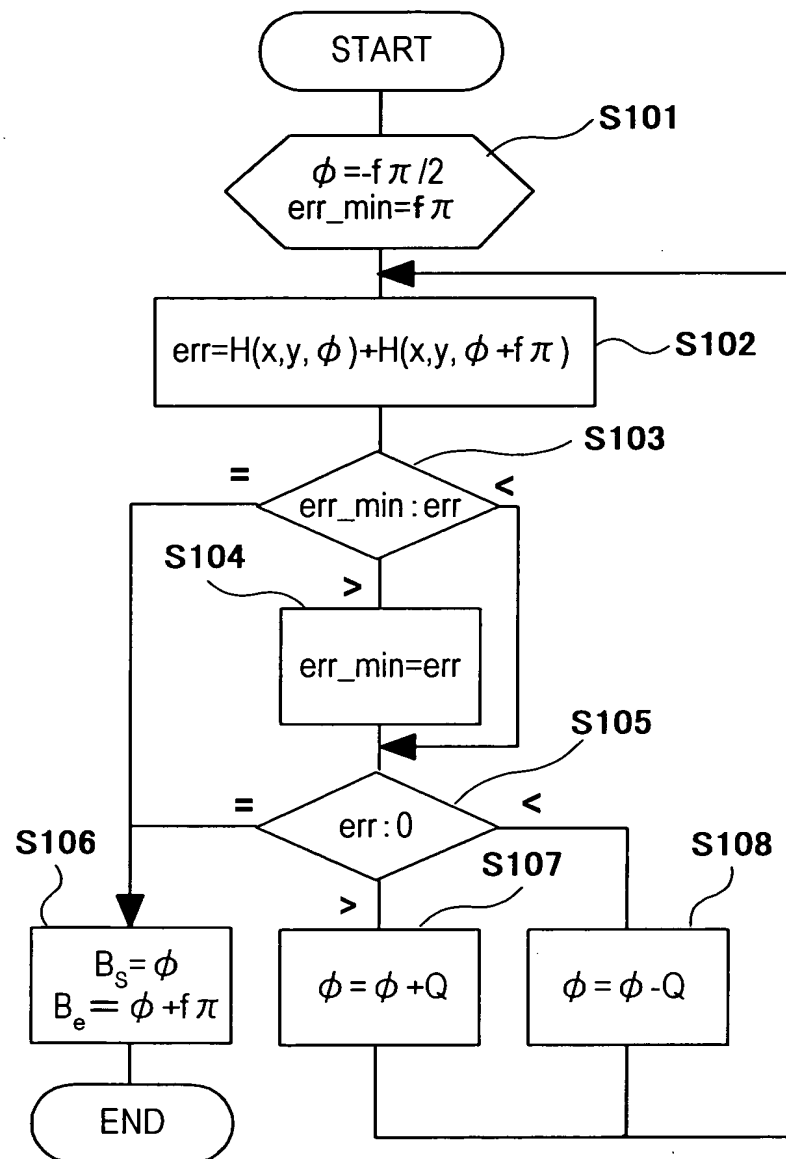


FIG. 11B



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FIG. 10



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FIG. 12A

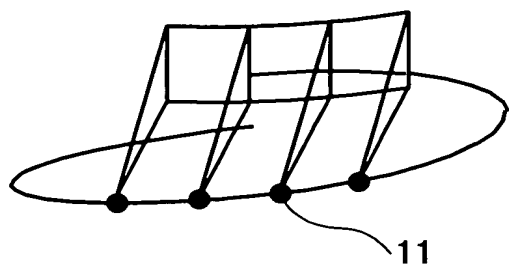


FIG. 12B

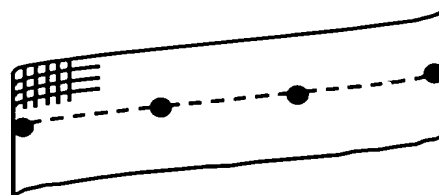


FIG. 13A

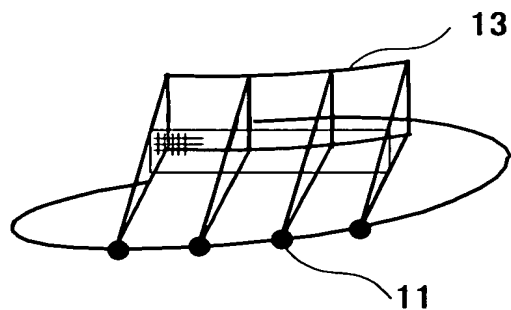


FIG. 13B

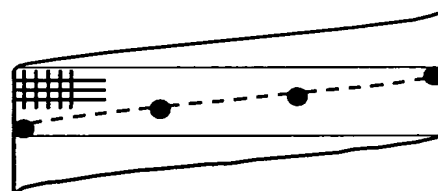


FIG. 14A

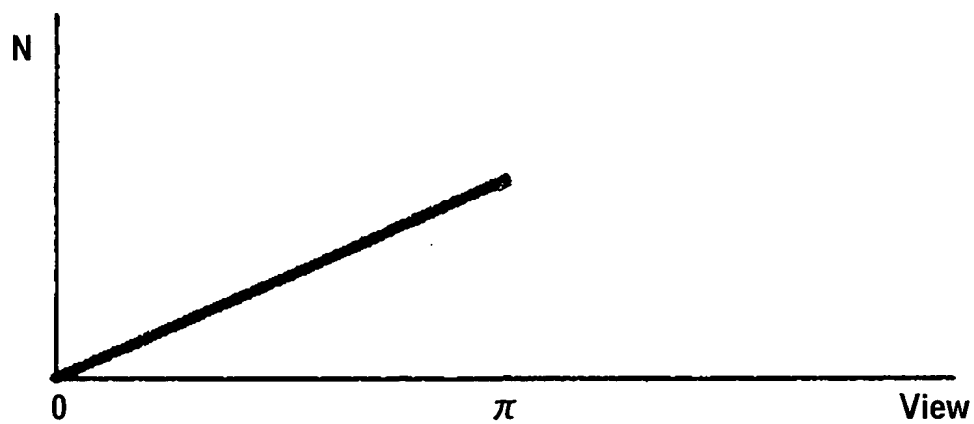
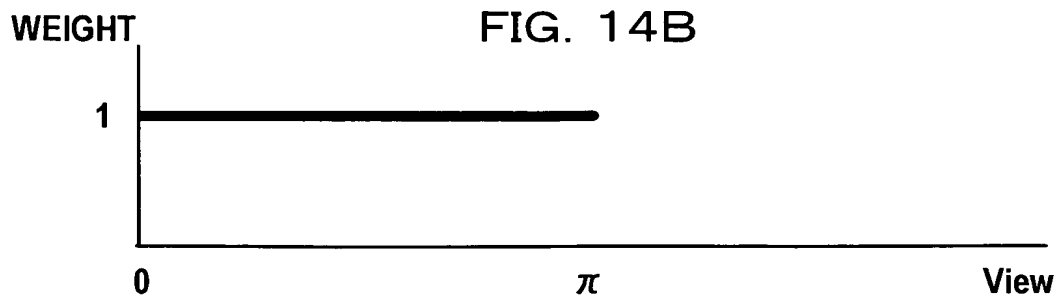


FIG. 14B



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FIG. 15A

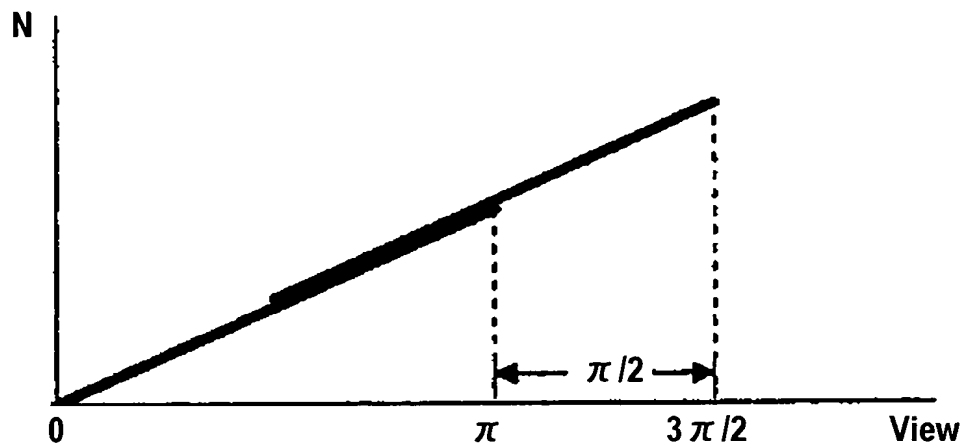


FIG. 15B

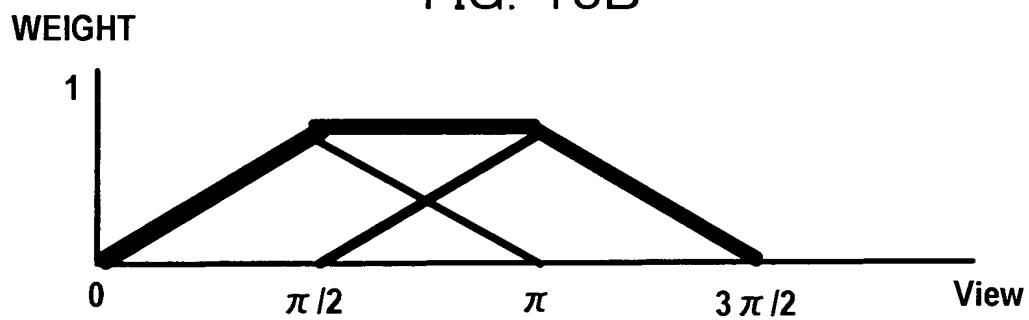
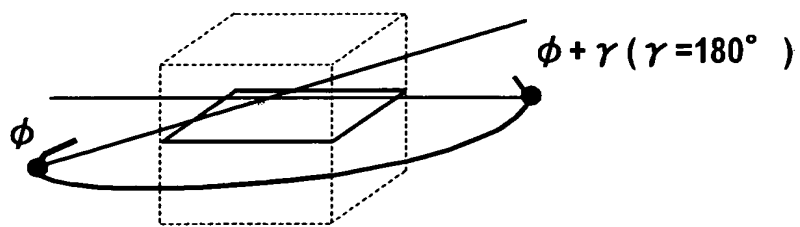


FIG. 17

180-DEGREE PHASE RANGE ( $f=1$ )





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FIG. 16

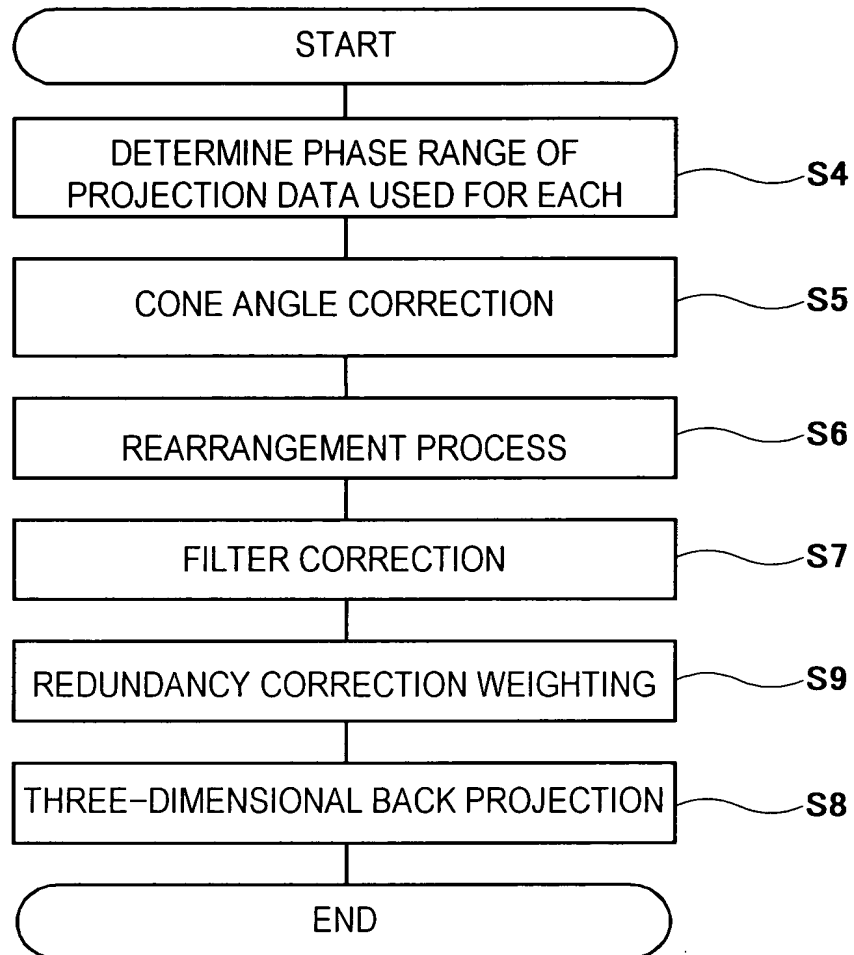
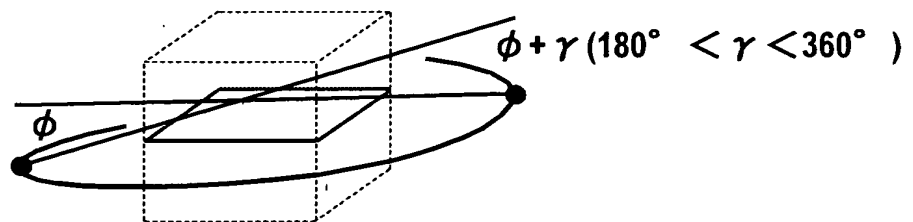


FIG. 18

180-DEGREE PHASE RANGE ( $1 < f < 2$ )

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FIG. 19

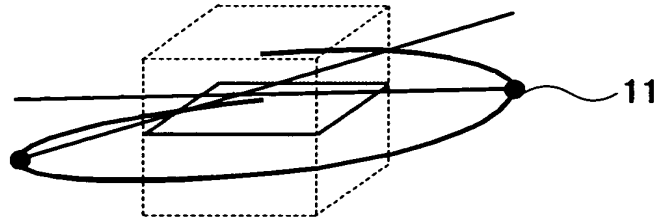
360-DEGREE PHASE RANGE ( $f=2$ )

FIG. 20A

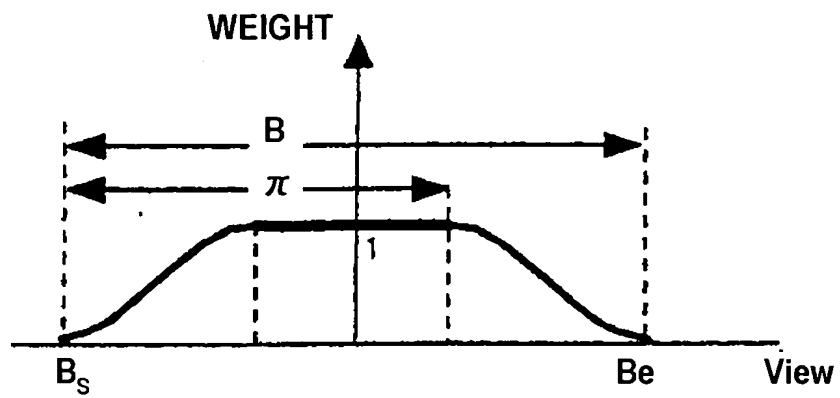
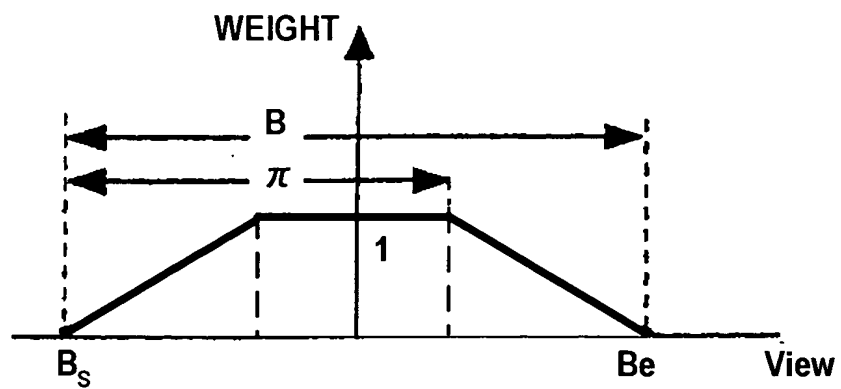


FIG. 20B



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FIG. 21A

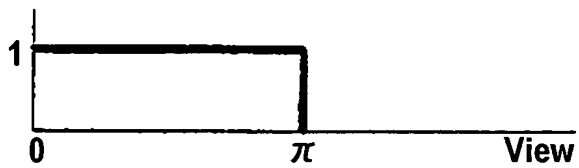
WEIGHT  $W(\theta)$ WEIGHTING FUNCTION ( $B = \pi$ )

FIG. 21B

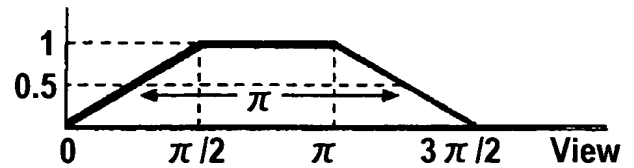
WEIGHT  $W(\theta)$ WEIGHTING FUNCTION ( $B = 3\pi/2$ )

FIG. 21C

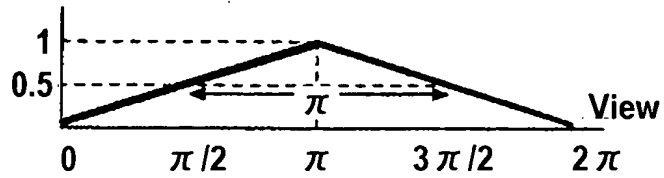
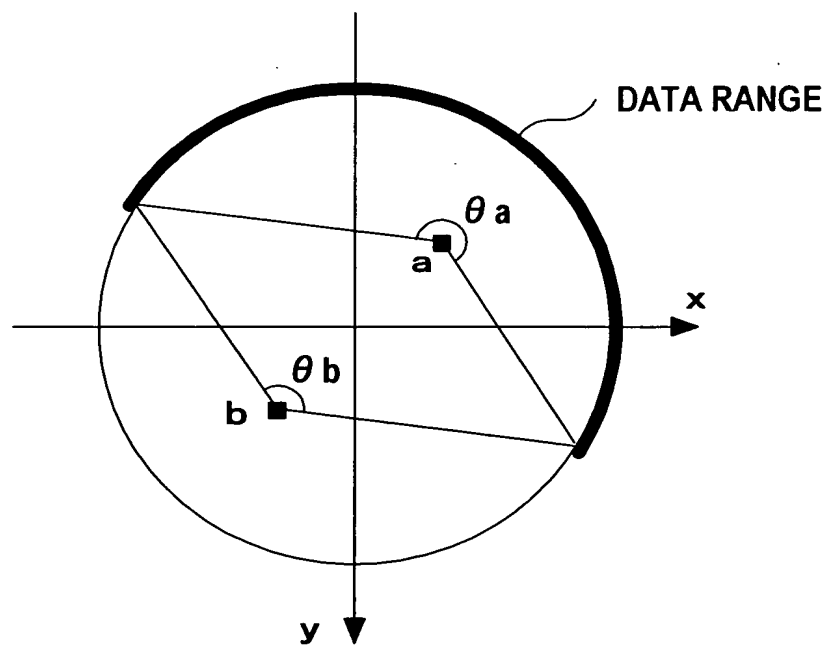
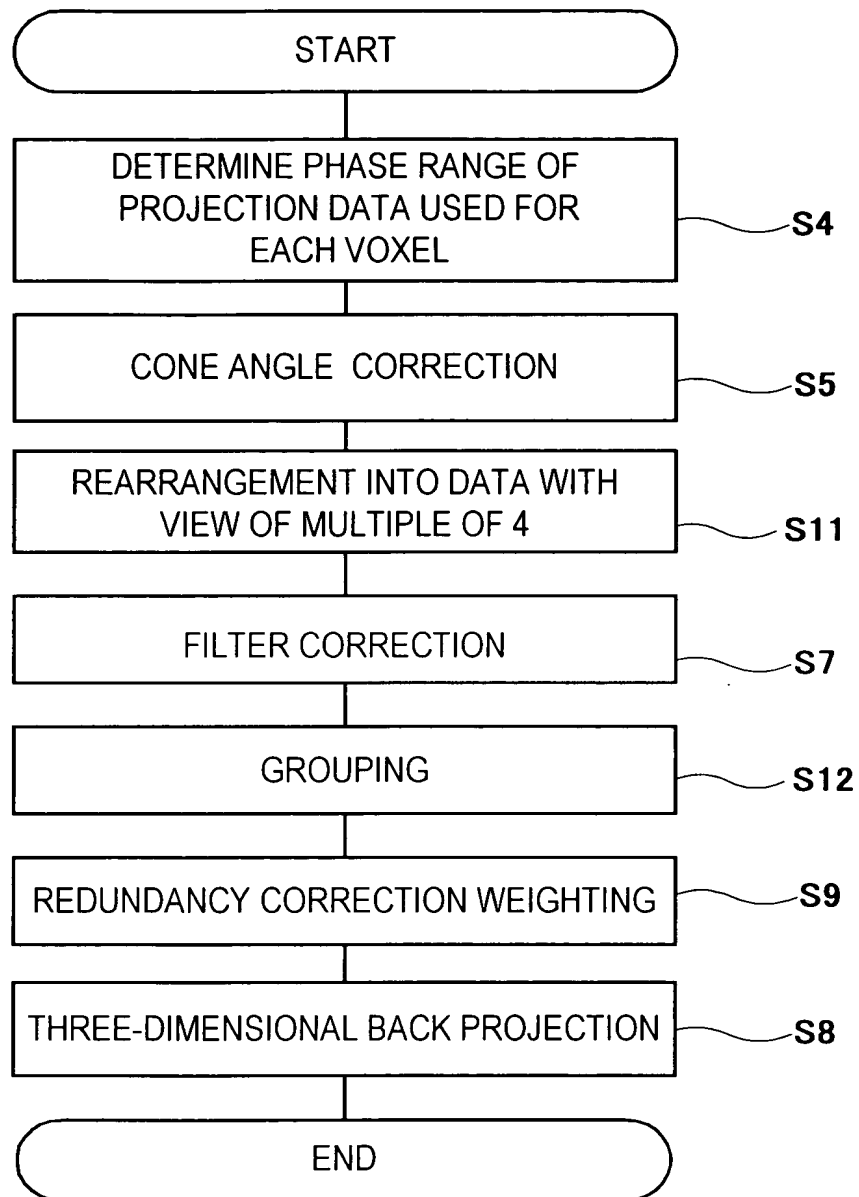
WEIGHT  $W(\theta)$ WEIGHTING FUNCTION ( $B = 2\pi$ )

FIG. 22



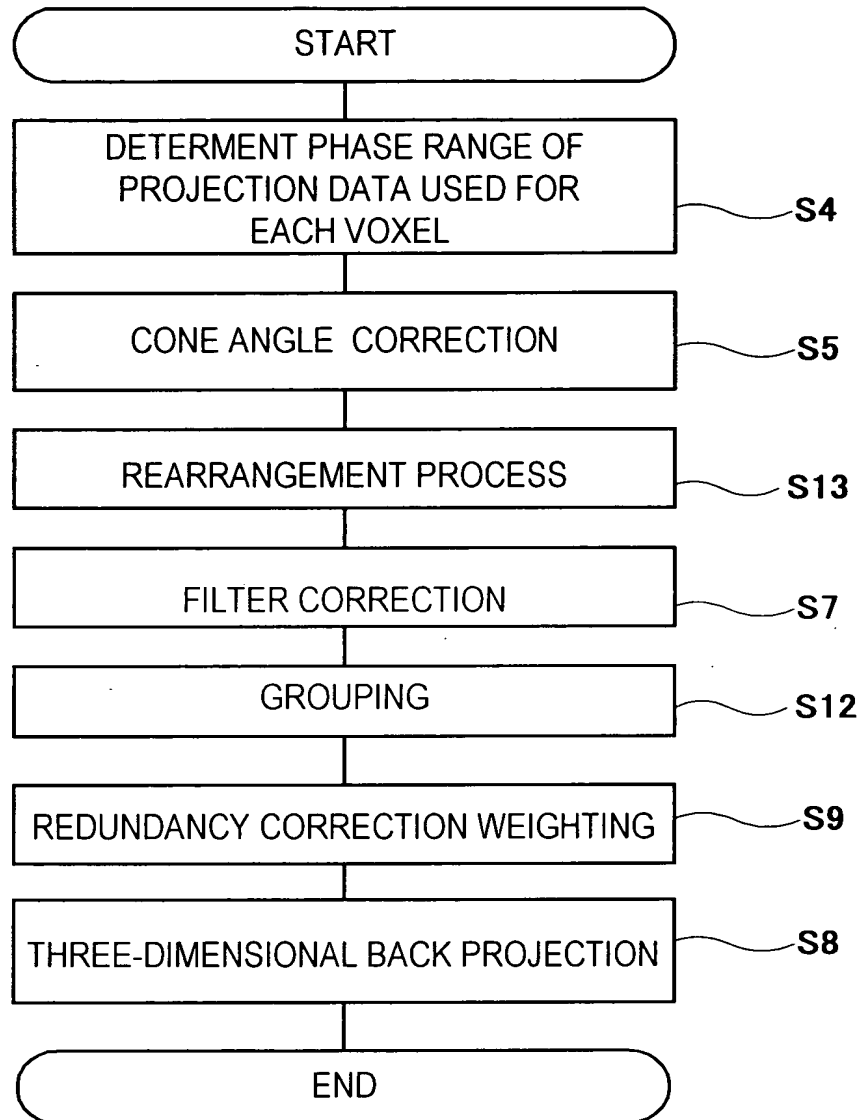
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FIG. 23



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FIG. 24

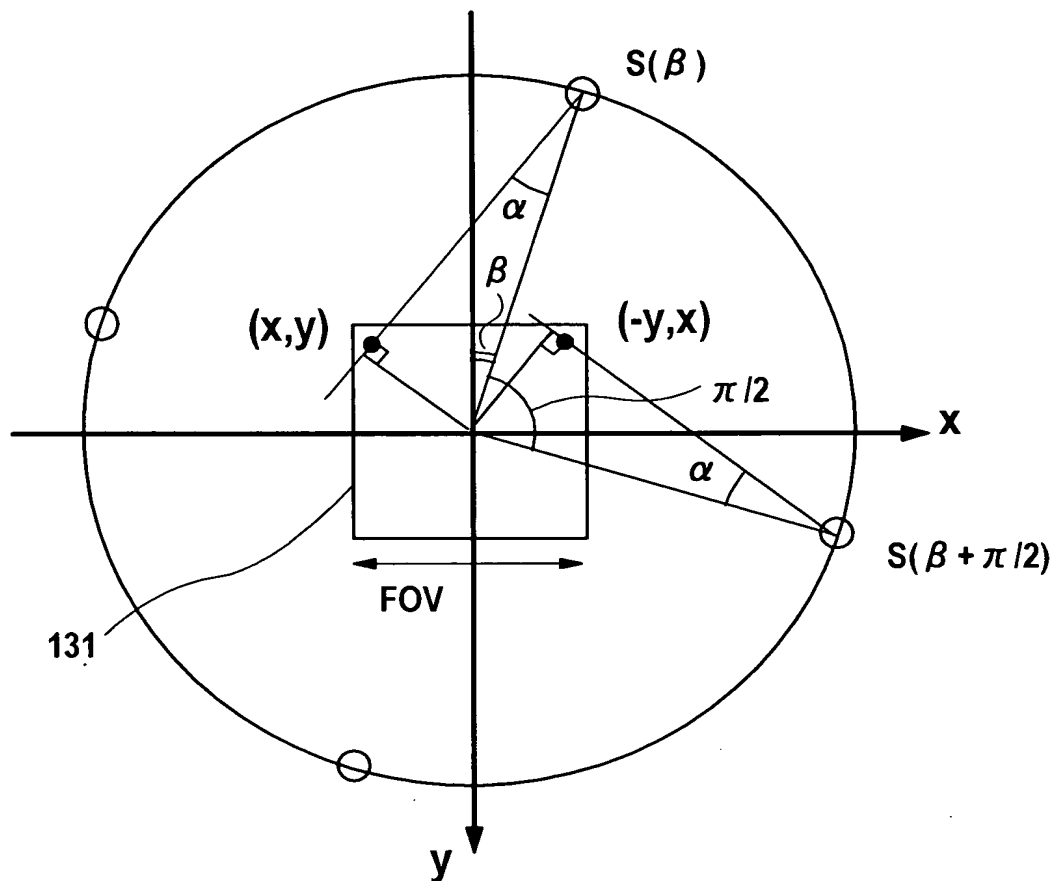


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FIG. 25

AMOUNT OF CALCULATION IN CHANNEL DIRECTION:  $1/4$ 

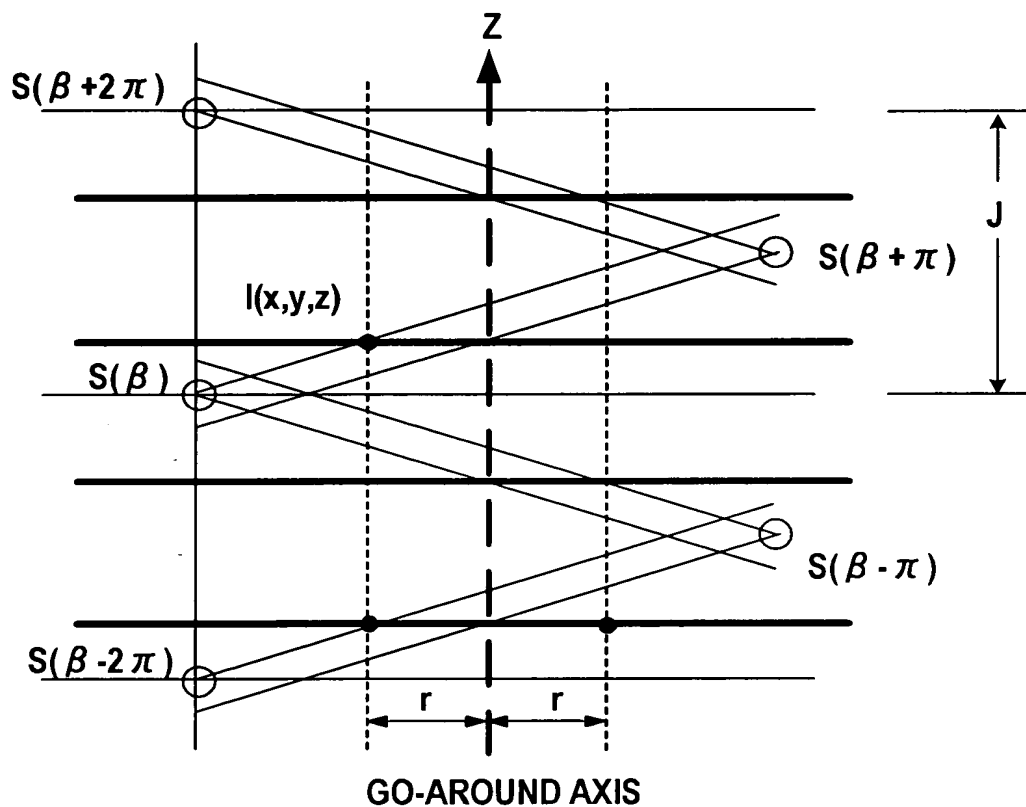
view=4N (INTEGER)



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FIG. 26

AMOUNT OF CALCULATION IN ROW DIRECTION :  $1/2n$   
 (n : NUMBER OF DATA REVOLUTIONS)  
 $rpitch = table/(2N)$  (N : INTEGER)



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FIG. 27

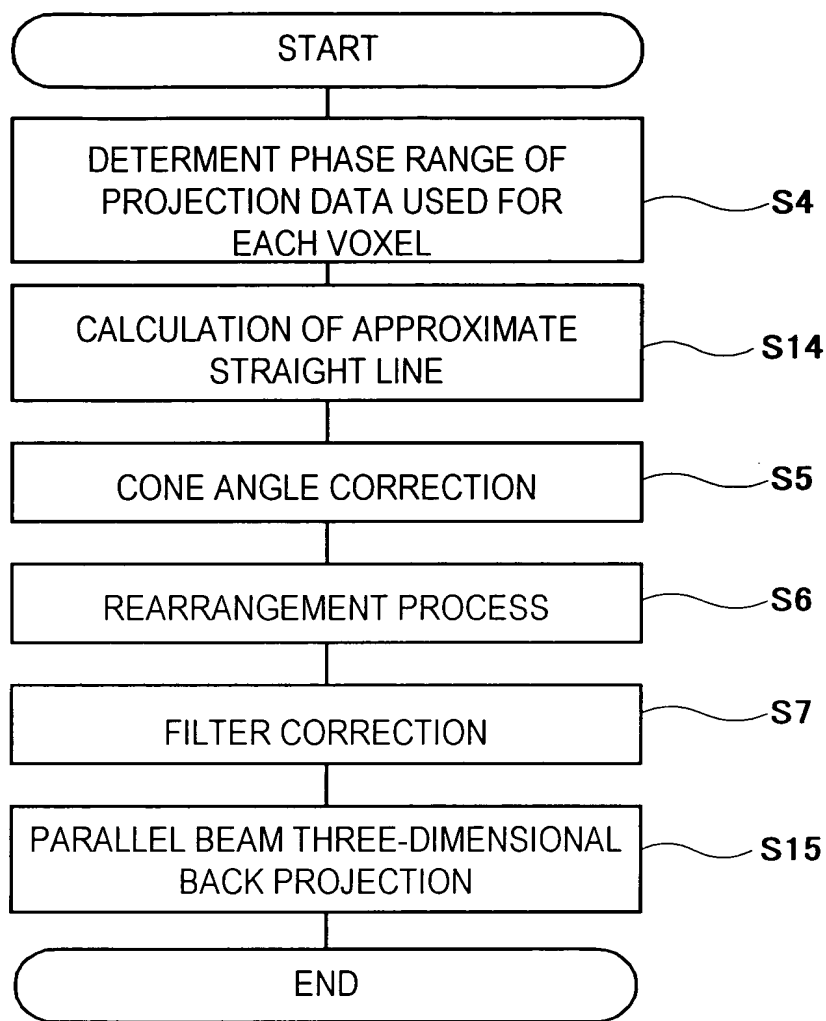




FIG. 28A

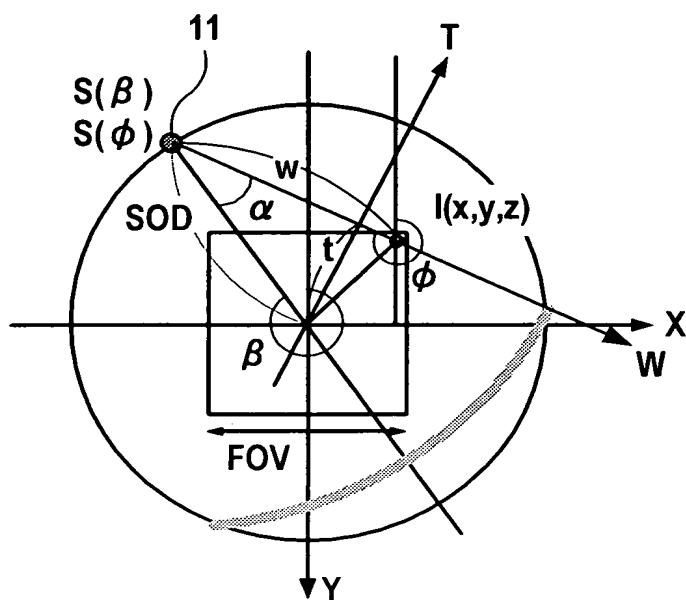


FIG. 28B

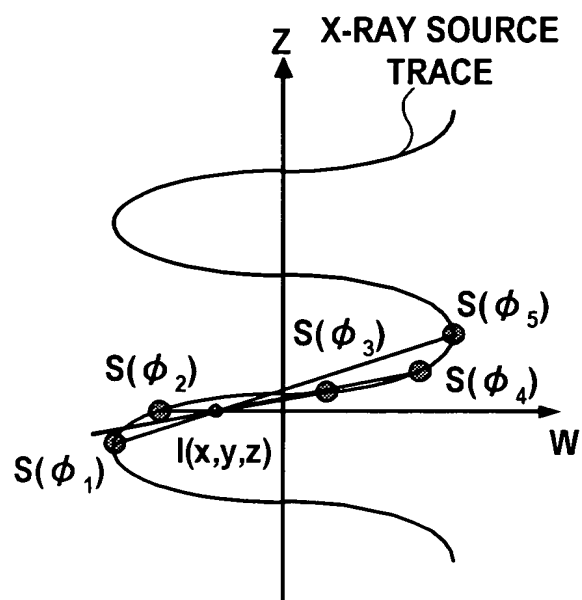
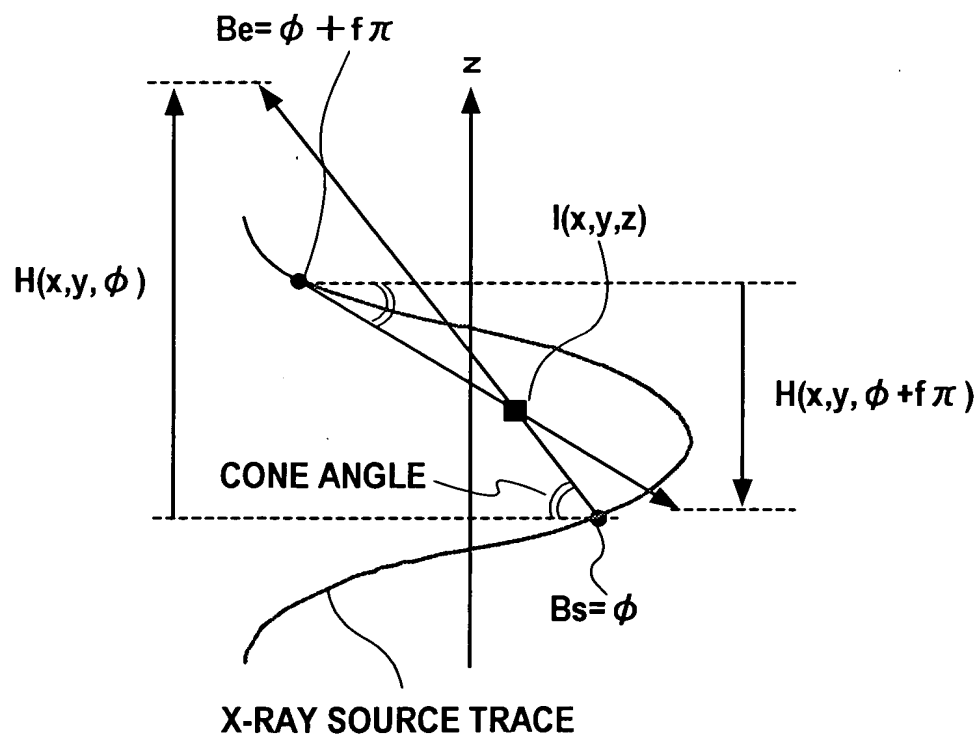


FIG. 28C



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FIG. 29

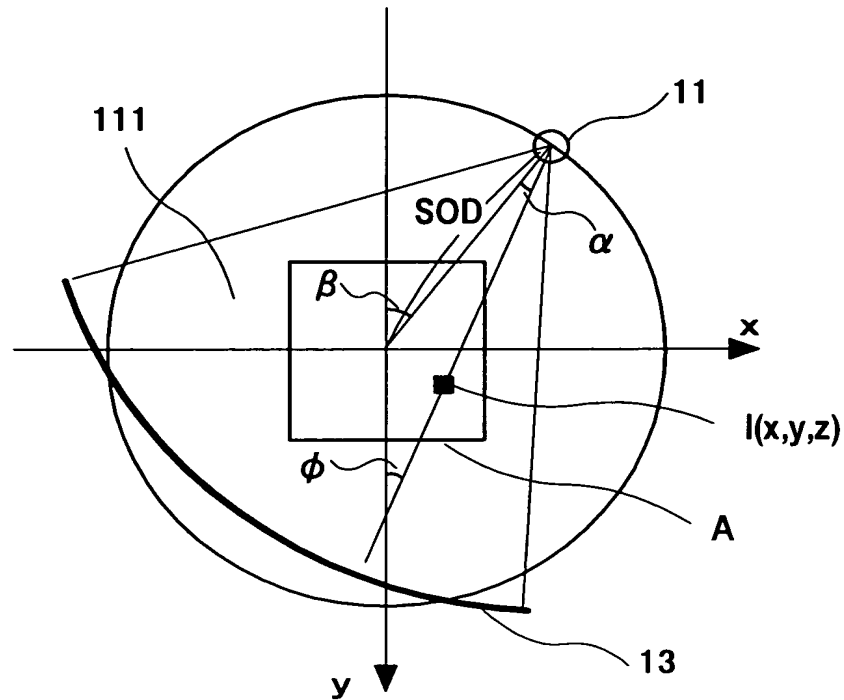
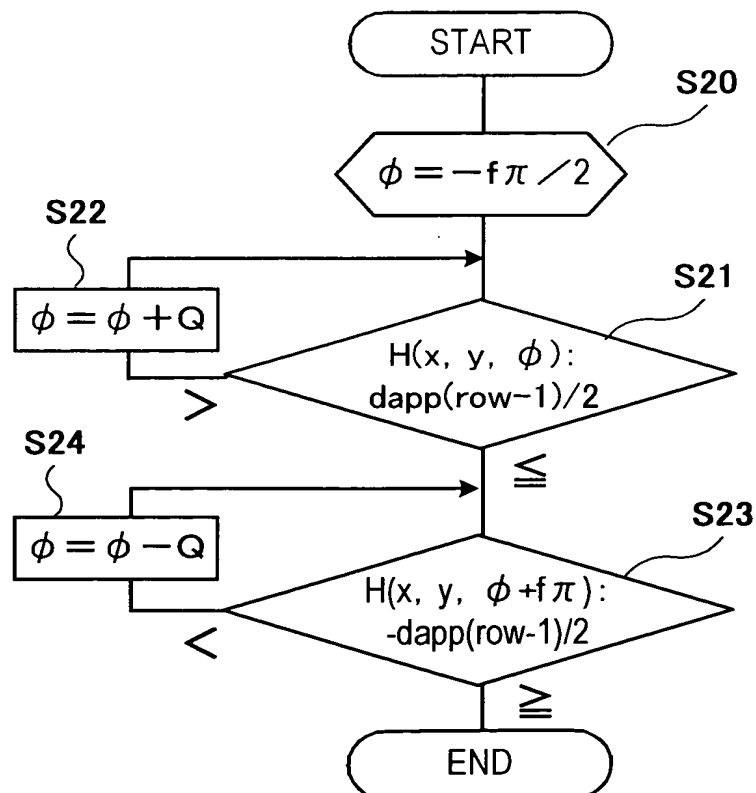


FIG. 31



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FIG. 30

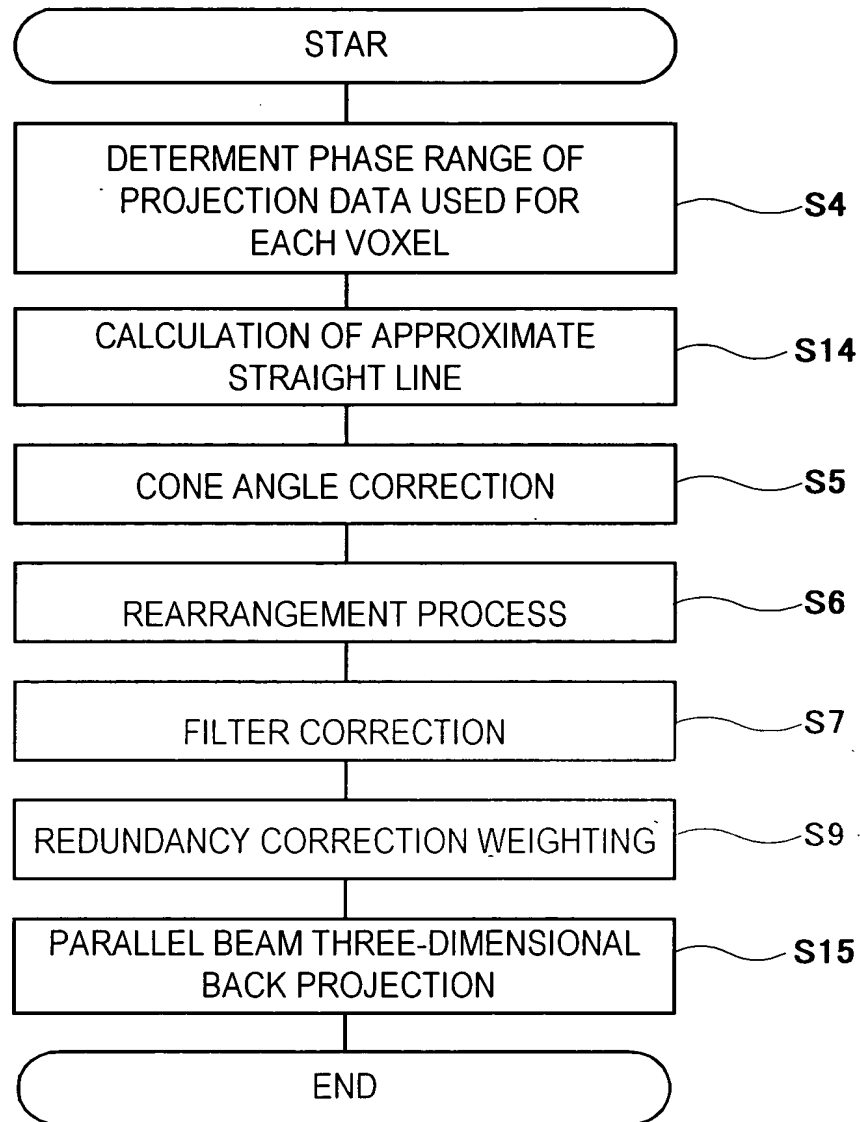


FIG. 32A

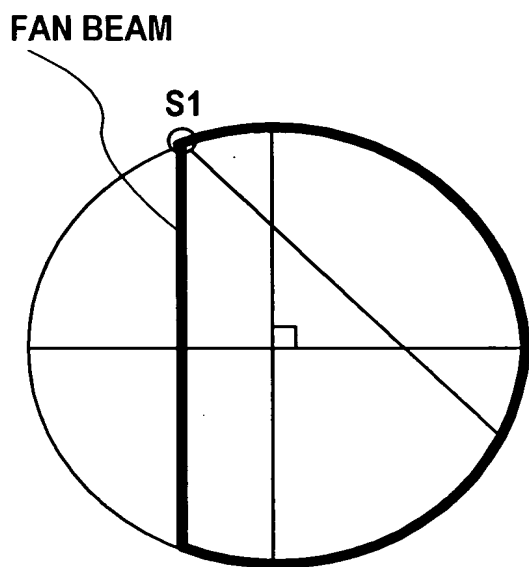


FIG. 32B

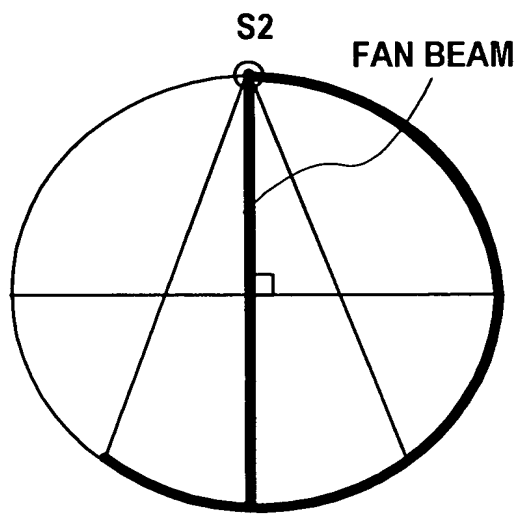


FIG. 32C

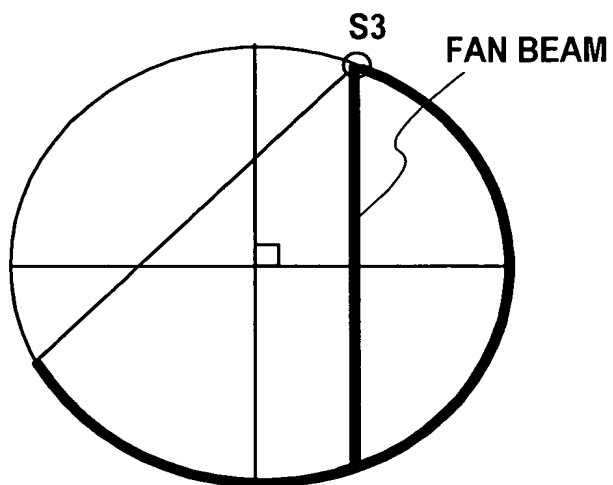


FIG. 32D

